

COGONGRASS CONTROL

Practice:

Pest Management (Practice Code 595)

Target:

Cogongrass

Early Seed Head Suppression Treatment:

Timing – When green leaves first appear but prior to appearance of seed heads. (mid April – early May)

Herbicide – Glyphosate

Formulation – 4 lb. active ingredient (ai)/gallon

Broadcast Rate – 1 pint/acre

Spray Volume – 20 gallons of water/acre

Spot Treatment – 2% solution (2.6 oz./gallon of water)

If practical, the effectiveness of this recommendation may be enhanced by using fire to remove excessive dead residue prior to chemical application. (Burn, allow re-growth, spray.) Mowing is a less desirable option due to the potential for seed transfer on equipment. Burning or mowing is not required.

Recommended “One-Shot” Treatment: (Glyphosate and Imazapyr Tank Mix)

Timing: Mid July until 4 weeks prior to frost

Formulation: 4 lb. (ai) glyphosate; 4 lb. (ai) imazapyr

Rate Glyphosate: 1.5% solution = (1.5 gallons 4 lb. (ai) in 100 gallons of water) or (1.92 oz. per gallon of water=spot treatment)

Rate Imazapyr: 0.5% solution = (one half gallon 4 lb. (ai) in 100 gallons of water) or (0.64 oz. per gallon of water=spot treatment)

Preparing 100 Gallons of Solution: Add approximately one half of total water to tank first. Add 1.5 gallons of glyphosate material and one half gallon of imazapyr material to tank. Finish filling with water. Spray to barely wet cogongrass foliage.

Preparing Pump-Up Sprayer: Add approximately half of total desired water to tank first. Add 1.92 oz. glyphosate and 0.64 oz. imazapyr per gallon of water. Add rest of water. Spray to barely wet cogongrass foliage.

Up to three annual chemical treatments may be required to suppress/control infestations of cogongrass.

Add surfactant according to product label. Ammonium sulfate may be added to improve effectiveness of spray mix if applied according to product label. Apply all chemicals, surfactants and additives according to product label recommendations. Imazapyr applied in the drip line of hardwood trees may kill trees. Read the entire label.

When treating cogongrass infestations make sure that chemical is applied a minimum of 6 feet beyond the outside edge of target pest.

For specific information on the characteristics, growth habits and control of cogongrass, refer to MSU-ES Fact Sheet No. 1999-01 Biology, Ecology and Control of Cogongrass – Byrd & Bryson.

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